

Section 1632

The Engineer may require adjustments in the trenching or stapling requirements to fit individual cut or fill slope conditions.

1631-4 MEASUREMENT AND PAYMENT

Matting will be measured and paid in square yards as measured along the surface of the ground, over which matting has been acceptably placed.

Payment will be made under:

Pay Item	Pay Unit
Matting For Erosion Control	Square Yard

SECTION 1632

ROCK INLET SEDIMENT TRAP

1632-1 DESCRIPTION

Construct, maintain and remove devices around catch basins and/or drop inlets to reduce water velocity and contain sediment. Work includes furnishing all fence posts, hardware cloth, hardware, stone and other materials, installing and maintaining the 1/4" hardware cloth.

The actual conditions which occur during the construction of the project will determine the quantity of rock inlet sediment traps constructed. The quantity of inlet sediment traps may be increased, decreased or eliminated entirely as directed. Such variations in quantity will not be considered as alterations in the details of construction or a change in the character of the work.

1632-2 MATERIALS

Refer to Division 10.

Item	Section
Sediment Control Stone, Standard Size No. 5 or 57	1005
Stone for Erosion Control, Class A or Class B	1042-1

(A) Steel Posts

Provide steel posts in accordance with Subarticle 1605-2(A).

(B) Wire Staples

Provide No. 9 staple with at least 1 1/2" length or other approved attachment device.

(C) 1/4 Inch Hardware Cloth

Provide hardware cloth with 1/4" openings constructed from 24 gauge wire and with at least 48" width as specified in ASTM A740.

1632-3 CONSTRUCTION METHODS

(A) Type A

Place structural stone, Class B, around the outside perimeter of the inlet structure with approximately 2:1 side slopes and plate the upstream side with sediment control stone.

(B) Type B

Place structural stone, Class A, around the outside perimeter of the inlet structure with approximately 2:1 side slopes and plate the upstream side with sediment control stone.

(C) Type C

Construct rock inlet sediment trap Type C devices as shown in the plans and at other locations as directed. Attach hardware cloth to posts with wire staple or other acceptable methods.

1632-4 MAINTENANCE AND REMOVAL

Maintain the rock inlet sediment trap, remove and dispose of silt accumulations at the inlet sediment traps when necessary or as directed in accordance with Section 1630.

Remove rock inlet sediment traps as the project nears completion, or as directed. Dress the area to blend with existing contours, seed and mulch the area in accordance with Section 1660.

1632-5 MEASUREMENT AND PAYMENT

Payment for rock inlet sediment traps will be made as follows:

1/4 Inch Hardware Cloth will be measured and paid in linear feet of hardware cloth, measured in place from end post to end post at each separate installation completed and accepted.

Stone for Erosion Control, Class ____ will be measured and paid in accordance with Section 1610.

Sediment Control Stone will be measured and paid in accordance with Section 1610.

Silt Excavation will be measured and paid in accordance with Section 1630.

Payment will be made under:

Pay Item

1/4" Hardware Cloth

Pay Unit

Linear Foot

SECTION 1633 TEMPORARY ROCK SILT CHECKS

1633-1 DESCRIPTION

Construct, maintain and remove devices placed in ditches, diversions or swales to reduce water velocity and contain sediment.

The actual conditions which occur during the construction of the project will determine the quantity of temporary rock silt checks constructed. The quantity of silt check dams may be increased, decreased or eliminated entirely as directed. Such variations in quantity will not be considered as alterations in the details of construction or a change in the character of the work.

1633-2 MATERIALS

Refer to Division 10.

Item

Sediment Control Stone, Standard Size No. 5 or 57

Stone for Erosion Control, Class A or Class B

Section

1005

1042-1

1633-3 CONSTRUCTION METHODS**(A) Type A**

Place structural stone in the channel, ditch, diversion or swale with approximately 2:1 side slopes. Place sediment control stone, approximately 12" thick on the upstream side.

(B) Type B

Construct temporary rock silt check Type B devices as shown in the plans and at other locations as directed.

1633-4 MAINTENANCE AND REMOVAL

Maintain the temporary rock silt checks, remove and dispose of silt accumulations at the silt checks when so directed in accordance with Section 1630.